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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	6	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	12	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS	25	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	26	NOV 19	WPIX enhanced with XML display format
NEWS	27	NOV 30	ICSD reloaded with enhancements
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:37:02 ON 03 DEC 2007

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:37:12 ON 03 DEC 2007

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STRUCTURE FILE UPDATES: 2 DEC 2007 HIGHEST RN 956461-32-8

DICTIONARY FILE UPDATES: 2 DEC 2007 HIGHEST RN 956461-32-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

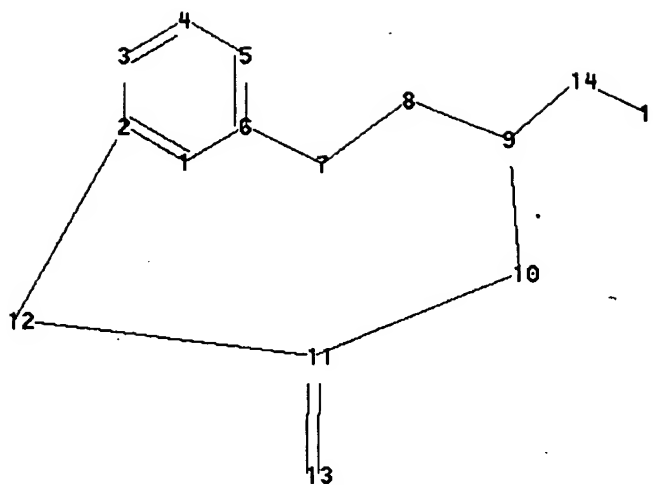
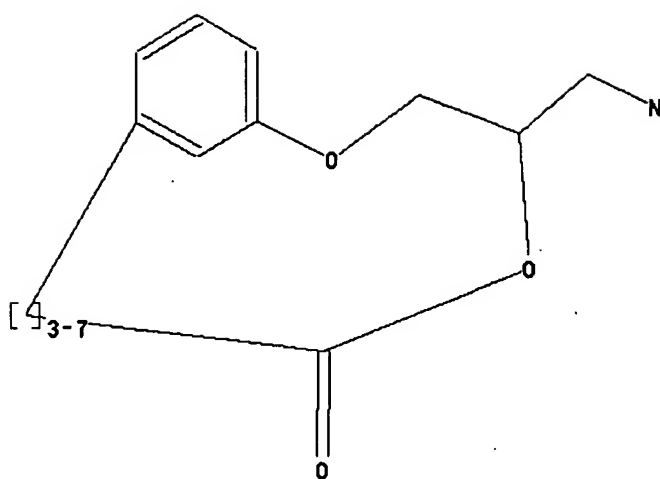
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10572669B.str



chain nodes :

13 14

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

ring/chain nodes :

15

chain bonds :

9-14 11-13 14-15

ring bonds :

1-2 1-6 2-3 2-12 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12

exact/norm bonds :

1-2 1-6 2-3 2-12 6-7 7-8 8-9 9-10 10-11 11-12 11-13 14-15

exact bonds :

9-14

normalized bonds :

3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

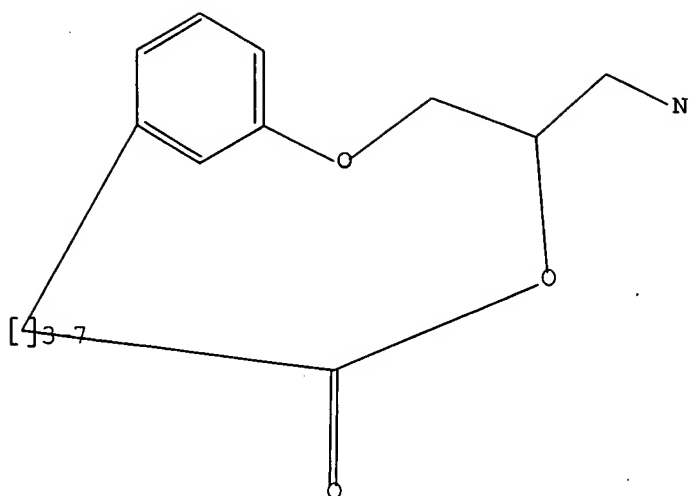
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s sss sam l1

SAMPLE SEARCH INITIATED 10:37:32 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 73 TO ITERATE

100.0% PROCESSED 73 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 948 TO 1972

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s sss full l1

FULL SEARCH INITIATED 10:37:48 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1421 TO ITERATE

100.0% PROCESSED 1421 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

L3 10 SEA SSS FUL L1

=> save l3 temp marq10572669/a

ANSWER SET L3 HAS BEEN SAVED AS 'MARQ10572669/A'

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'CAPLUS' ENTERED AT 10:38:38 ON 03 DEC 2007

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FILE COVERS 1907 - 3 Dec 2007 VOL 147 ISS 24
FILE LAST UPDATED: 2 Dec 2007 (20071202/ED)

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<http://www.cas.org/infopolicy.html>

=> s 13

L4 1 L3

=> d ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:300430 CAPLUS Full-text
DOCUMENT NUMBER: 142:392445
TITLE: A preparation of calcilytic compounds, useful as calcium receptor antagonists
INVENTOR(S): Marquis, Robert W., Jr.
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005030749	A1	20050407	WO 2004-US31120	20040923
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1664013	A1	20060607	EP 2004-784821	20040923
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007506751	T	20070322	JP 2006-528144	20040923
US 2007203226	A1	20070830	US 2007-572669	20070108
PRIORITY APPLN. INFO.:			US 2003-506001P	P 20030924
			WO 2004-US31120	W 20040923
OTHER SOURCE(S): CASREACT 142:392445; MARPAT 142:392445				

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to a preparation of novel calcilytic compds. of formula I [wherein: R1 is CN or halogen; R2 is H or halogen; R3 is (un)substituted alkyl or alkenyl; R4 is aryl, fused aryl, or heteroaryl, etc.], useful as calcium receptor antagonists. For instance, TFA salt of dioxabicyclopentadecatrienone derivative II was prepared via intramol. cyclization of hydroxycarboxylic acid III with a yield of 15%. Preferred invention compds. showed an IC50 of 10 μ M or lower, and most preferred compds. showed an IC50 of 0.1 μ M or lower.

IT 849475-76-9P 849475-77-0P 849475-78-1P
849475-81-6P 849475-82-7P 849475-83-8P
849475-84-9P 849475-85-0P 849475-86-1P
849475-87-2P

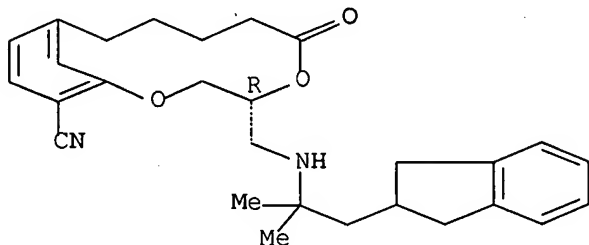
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of calcilytic compound useful as calcium receptor antagonists)

RN 849475-76-9 CAPLUS

CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-triene-14-carbonitrile,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-6-oxo-,
(4R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 849475-77-0 CAPLUS

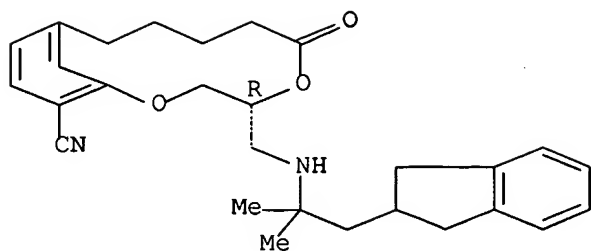
CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-triene-14-carbonitrile,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-6-oxo-,
(4R)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 849475-76-9

CMF C28 H34 N2 O3

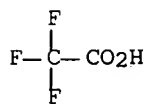
Absolute stereochemistry.



CM 2

CRN 76-05-1

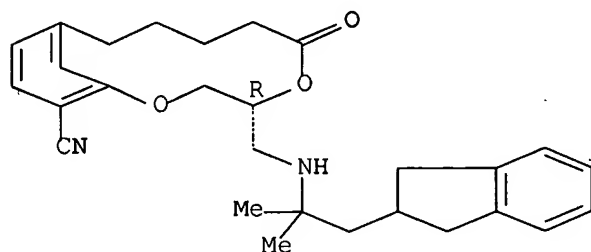
CMF C2 H F3 O2



RN 849475-78-1 CAPLUS

CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-triene-14-carbonitrile,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-6-oxo-,
monohydrochloride, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

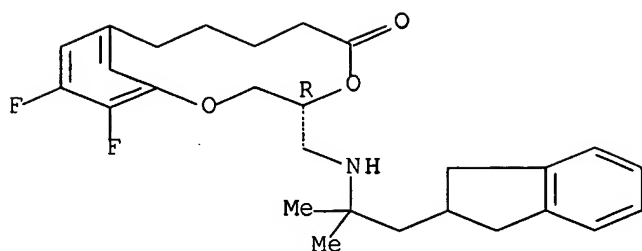


● HCl

RN 849475-81-6 CAPLUS

CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-13,14-
difluoro-, (4R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 849475-82-7 CAPLUS

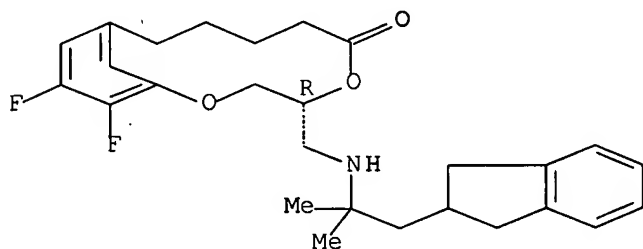
CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-13,14-
difluoro-, (4R)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 849475-81-6

CMF C27 H33 F2 N O3

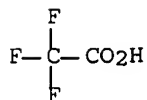
Absolute stereochemistry.



CM 2

CRN 76-05-1

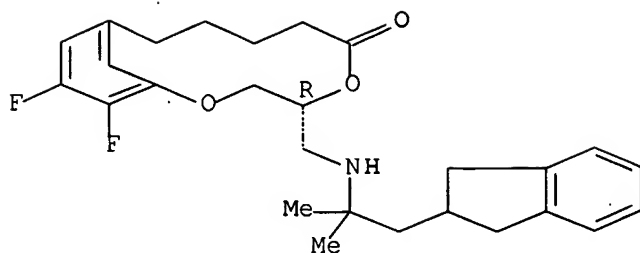
CMF C2 H F3 O2



RN 849475-83-8 CAPLUS

CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-dimethylethyl]amino]methyl]-13,14-
difluoro-, hydrochloride, (4R)- (9CI) (CA INDEX NAME)

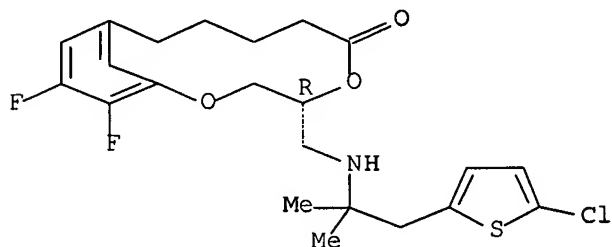
Absolute stereochemistry.



● HCl

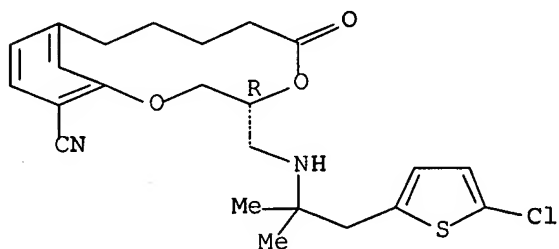
RN 849475-84-9 CAPLUS
 CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
 4-[[[2-(5-chloro-2-thienyl)-1,1-dimethylethyl]amino]methyl]-13,14-difluoro-
 , (4R)- (CA INDEX NAME)

Absolute stereochemistry.



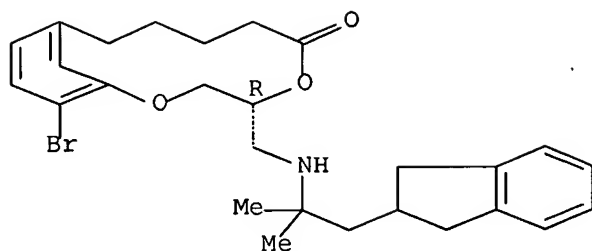
RN 849475-85-0 CAPLUS
 CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-triene-14-carbonitrile,
 4-[[[2-(5-chloro-2-thienyl)-1,1-dimethylethyl]amino]methyl]-6-oxo-, (4R)-
 (CA INDEX NAME)

Absolute stereochemistry.



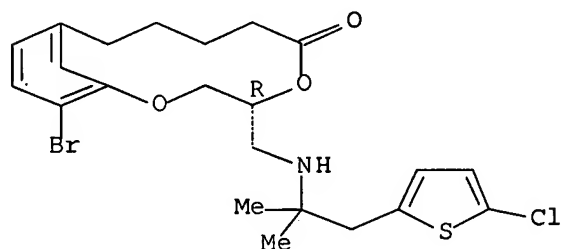
RN 849475-86-1 CAPLUS
 CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
 14-bromo-4-[[[2-(2,3-dihydro-1H-inden-2-yl)-1,1-
 dimethylethyl]amino]methyl]-, (4R)- (CA INDEX NAME).

Absolute stereochemistry.



RN 849475-87-2 CAPLUS
 CN 2,5-Dioxabicyclo[9.3.1]pentadeca-1(15),11,13-trien-6-one,
 14-bromo-4-[[[2-(5-chloro-2-thienyl)-1,1-dimethylethyl]amino]methyl]-,
 (4R)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

STN INTERNATIONAL LOGOFF AT 10:39:09 ON 03 DEC 2007